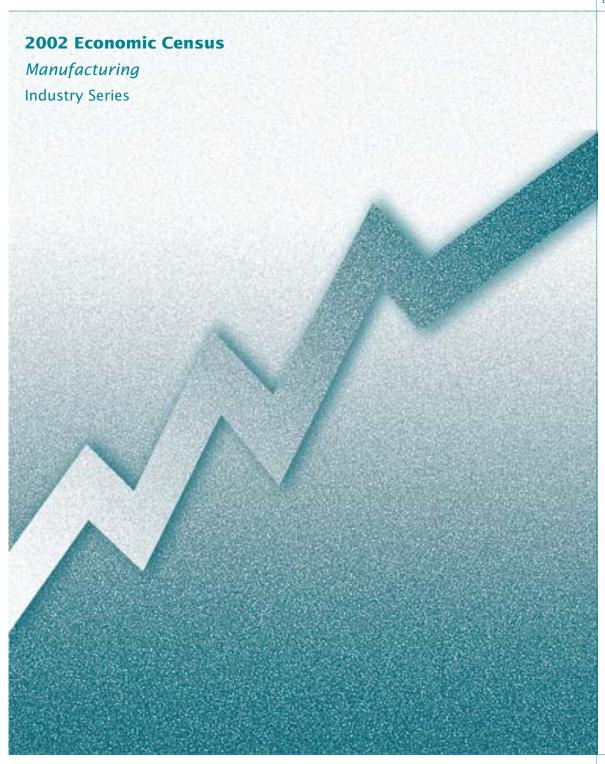
Medicinal and Botanical Manufacturing: 2002

Issued December 2004

EC02-311-325411 (RV)





Helping You Make Informed Decisions

U.S. Department of Commerce Economics and Statistics Administration U.S. CENSUS BUREAU



CONTENTS

	duction to the Economic Census	v ix
Table	es	
1. 2. 3. 4. 5. 6a. 6b. 7.	Historical Statistics for the Industry: 2002 and Earlier Years Industry Statistics for Selected States: 2002 Detailed Statistics by Industry: 2002 Industry Statistics by Employment Size: 2002 Industry Statistics by Primary Product Class Specialization: 2002 Products Statistics: 2002 and 1997 Product Class Shipments for Selected States: 2002 and 1997 Materials Consumed by Kind: 2002 and 1997	1 2 3 4 5 6 7 8
Appe	endixes	
A. B. C. D. E. F.	Explanation of Terms NAICS Codes, Titles, and Descriptions Methodology Geographic Notes Metropolitan and Micropolitan Statistical Areas Comparability of Product Classes and Product Codes: 2002 to 1997	A-1 B-1 C-1 F-1

-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All			Production workers				Total	Total	Total capital
Industry and year ¹	Com- panies ²	estab- lish- ments ³	Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
325411. Medicinal and botanical											
manufacturing	342	367	19 938	1 057 138	10 572	23 712	476 535	7 340 277	4 254 056	11 585 499	r869 089
2001	N	N	19 104	994 002	9 982	21 586	450 327	7 294 214	4 174 167	11 405 452	937 943
2000	N	N	18 916	977 636	9 951	20 652	445 956	7 470 532	4 666 561	12 152 574	1 012 193
1999	N	N	21 351	1 146 762	11 009	23 122	501 890	5 838 645	6 342 072	11 762 349	877 957
1998	N	N	30 023	1 728 518	14 549	32 856	679 524	7 208 430	5 936 351	13 169 467	1 021 414
1997	312	338	27 764	1 530 029	13 505	29 216	596 030	6 297 660	5 588 337	11 888 455	1 125 300

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

		All establi	ishments ²	All em	ployees	Pr	oduction wor	kers				
Industry and geographic area	E¹	Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	
325411, Medicinal and botanical manufacturing												
United States. California Colorado Florida Illinois Ilowa Massachusetts Michigan Minnesota New Jersey New York Texas Wisconsin	1 1 3 - 3 - 3	367 64 10 14 15 8 16 6 9 37 28 17	130 18 4 2 7 3 6 4 3 20 9 4 4	19 938 2 581 613 215 733 267 492 617 287 4 869 861 1 449 231	1 057 138 127 802 40 592 10 818 36 499 13 681 28 296 37 044 15 571 234 488 35 214 68 398 10 672	10 572 1 367 337 55 387 133 253 264 85 2 308 582 1 276 164	23 712 3 554 704 64 857 285 507 999 165 4 433 1 389 2 908 280	476 535 42 808 20 065 1 476 16 833 6 436 12 847 3 366 109 945 16 694 58 640 6 316	7 340 277 443 934 82 367 110 475 262 645 84 523 64 191 168 895 108 886 1 641 387 115 153 145 800 31 899	4 254 056 248 892 55 644 211 587 292 970 61 717 31 038 107 129 29 982 751 662 119 950 97 834 15 173	11 585 499 693 674 145 596 297 660 569 730 145 116 94 195 231 820 129 341 2 437 708 235 579 245 522 45 335	r5 780 r14 751

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
325411, Medicinal and botanical manufacturing	
Companies ¹ number	342
All establishments ²	367 237 87 43
All employees³ number. Total compensation \$1,000. Annual payroll \$1,000. Total fringe benefits \$1,000.	19 938 1 288 741 1 057 138 231 603
Production workers, average for year	10 572 10 513 10 583 10 583 10 586
Production worker hours	23 712 476 535
Total cost of materials \$1,000 Materials, parts, containers, packaging, etc., used \$1,000 Resales \$1,000 Purchased fuels \$1,000 Purchased electricity \$1,000 Contract work \$1,000	4 254 056 3 929 302 131 154 72 694 77 056 43 850
Quantity of electricity purchased for heat and power. 1,000 kWh. Quantity of electricity generated less sold for heat and power . 1,000 kWh.	1 345 419 D
Total value of shipments \$1,000 Primary products value of shipments \$1,000 Secondary products value of shipments \$1,000 Total miscellaneous receipts \$1,000 Value of resales \$1,000 Contract receipts \$1,000 Other miscellaneous receipts \$1,000	11 585 499 10 968 621 414 252 202 626 188 689 4 086 9 851
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industries \$1,000.	96 13 573 805 10 968 621 2 605 184
Coverage ratiopercent	81
Value added\$1,000	7 340 277
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	1 588 011 669 459 497 613 420 939
Total inventories, end of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	1 614 992 665 757 510 149 439 086
Gross value of depreciable assets (acquisition costs) at beginning of year \$1,000 Total capital expenditures (new and used) \$1,000 Buildings and other structures (new and used) \$1,000 Machinery and equipment (new and used) \$1,000 Automobiles, trucks, etc., for highway use. \$1,000 Computers and peripheral data processing equipment \$1,000 All other expenditures for machinery and equipment \$1,000 Total retirements \$1,000 Gross value of depreciable assets at end of year \$1,000	'6 817 456 '869 089 '244 050 '625 039 '3 759 '31 858 '589 422 '261 155 '7 425 390
Depreciation charges during year\$1,000	⁷ 451 688
Total rental payments \$1,000. Buildings and other structures \$1,000. Machinery and equipment \$1,000.	52 679 34 630 18 049
Total other expenses ⁴ \$1,000. Response coverage ratio ⁵ percent. Repair and maintenance services of buildings and/or machinery ⁴ \$1,000. Communications services ⁴ \$1,000. Legal services ⁴ \$1,000. Accounting, auditing, and bookkeeping services ⁴ \$1,000. Advertising and promotional services ⁴ \$1,000. Expensed computer hardware and supplies and purchased computer services ⁴ \$1,000. Refuse removal (including hazardous waste) services ⁴ \$1,000. Management consulting and administrative services ⁴ \$1,000. Taxes and license fees ⁴ \$1,000. All other expenses ⁴ \$1,000.	371 308 95 86 633 7 847 4 204 1 346 10 290 5 328 28 991 17 427 25 680 183 563

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

			All emp	oloyees	Pr	oduction worke	ers		Total	Total	Total
Employment size class		All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	capital expendi- tures (\$1,000)
325411, Medicinal and botanical manufacturing											
All establishments Establishments with — 1 to 4 employees 5 to 9 employees 10 to 19 employees 20 to 49 employees 10 to 249 employees 10 to 249 employees 250 to 499 employees 500 to 999 employees 1,000 to 2,499 employees 2,500 employees 2,500 employees or more	9 7 4 2	367 152 48 37 51 36 27 7 6	19 938 317 318 f 1 821 2 525 4 467 2 103 3 837 h	1 057 138 16 450 19 330 D 96 196 107 563 222 614 119 650 212 843 D	10 572 178 157 D 889 1 541 2 384 1 104 1 822 D	23 712 333 318 D 2 519 4 284 6 124 2 345 2 845	476 535 6 808 7 565 D 37 349 49 051 93 922 49 787 81 294	7 340 277 56 231 69 143 D 409 874 468 445 620 391 596 266 2 494 621 D	4 254 056 37 603 48 311 D 348 408 476 015 527 531 447 947 893 312 D	93 895 117 954 D 744 342 927 813 1 133 086 1 018 554 3 425 539 D -	'869 089 '5 342 '5 697 '7 939 D '32 645 '145 966 '56 098 223 115 D
Administrative records ⁴	9	180	646	37 636	352	691	15 612	126 910	86 405	212 761	r11 834

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	A II	All employees		Pr	oduction work	ers		Total	Total	Total capital
		All estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
325411	Medicinal and botanical manufacturing	367	19 938	1 057 138	10 572	23 712	476 535	7 340 277	4 254 056	11 585 499	r869 089
3254111 3254114	Synthetic organic medicinal chemicals, in bulk	103	11 316	683 269	5 260	12 901	289 042	5 909 004	3 127 765	9 016 791	⁷³⁷ 668
	products, in bulk	72	7 931	335 382	4 934	10 056	171 391	1 293 939	1 033 121	2 338 277	r116 358

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product :	shipments
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)
325411	Medicinal and botanical manufacturing	N N	X	X	13 573 805 10 985 383
3254111	Synthetic organic medicinal chemicals, in bulk	N N	X	X X	10 198 968 8 249 161
32541111	Synthetic organic antibiotics, including all uses (veterinary, food supplements, food preservation, etc.), excluding preparations	N	X	x	7 697 065
3254111111	Synthetic organic antibiotics, including all uses (veterinary, food supplements, food preservation, etc.), excluding preparations	N 56	X X	X X	7 697 065
32541112	Other synthetic organic medicinal chemicals, excluding antibiotics	21 N	x x	x x	2 500 794
3254111221	Other synthetic organic medicinal chemicals, excluding antibiotics	N 72	x x	×	2 500 794
3254111Y	1997 Synthetic organic medicinal chemicals, in bulk, nsk	159 N	X)	D 1 109
3254111YWV	Synthetic organic medicinal chemicals, in bulk, nsk. 1997. 2002. 1997.	N N N	X X X	X X X X	67 133 1 109 67 133
3254114	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk				3 167 483
32541141	Botanical drugs, alkaloids drugs, other botanical drugs, naturally occurring vitamins, drugs of animal origin, and artificial mixtures of two or more medical or botanical	N N	X	X	2 625 474
3254114111	substances	N N	X	X X X	2 831 566 1 880 581 835 284
3254114111	Other botanical drugs, including opium and nicotine 2002. Other botanical drugs, including glycosides and ginseng	12 7	X	î x	111 513
	extract	22 21	X X	X X	392 753 292 608
3254114131	Naturally occurring vitamin C	20 24	X	X X X X	340 570 107 787
3254114141	Naturally occurring vitamin E	22 25	X X	X	435 445 481 795
3254114151	Medicinals and botanicals, all other medicinal and botanical products, in bulk, naturally occurring vitamins, other naturally occurring vitamins (from yeast, fish, liver, etc.)	32	X	X	349 795
3254114161	Medicinals and botanicals, all other medicinal and botanical products, in bulk, drugs of animal origin, including hormones, dried glands, organs, and tissues and extractions thereof	28	x x	×	208 919 199 796
3254114171	Medicinals and botanicals, all other medicinal and botanical products, in bulk, artificial mixtures of two medicinal or botanical substances or more for the appetition.	11	Х		116 693
	prophylactic uses	14 13	X X	X X	277 923 561 266
32541142	Medicinals and botanicals, all other medicinal and botanical products, in bulk, other organic and inorganic medicinal chemicals, excluding diagnostics	N	х	x	330 683
3254114291	Medicinals and botanicals, all other medicinal and botanical products, in bulk, other organic and inorganic medicinal	N and	X	X	698 057
3254114Y	chemicals, excluding diagnostics	26 41	X	X	330 683 698 057
	botanical products, in bulk, nsk	N N	X X	X X	5 234 46 836
3254114YWV	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk, nsk	N N	X	X	5 234 46 836
325411W	Medicinal and botanical manufacturing, nsk, total	N	X	, x	207 354
325411WY	Medicinal and botanical manufacturing, nsk, total	N N N	X X X	X X X	110 748 207 354 110 748
325411WYWW	Medicinal and botanical manufacturing, nsk, for nonadministrative-record establishments	N	Х	×	35 475
325411WYWY	Medicinal and botanical manufacturing, nsk, for administrative-record establishments	N N	X X	X X	86 312 171 879
	1997	N	X	X	24 436

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3254111	Synthetic organic medicinal chemicals, in bulk	
	United States	10 198 968 8 249 161
	California	419 288 163 990
	Illinois	250 232 N
	Massachusetts	47 073 26 509
	Michigan	226 007 125 280
	Minnesota	64 121 20 525
	New Jersey	2 948 998 1 400 297
	New York	30 877 59 130
	Texas	78 705 169 742
	Wisconsin	22 121 11 179
3254114	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk	
	United States	3 167 483 2 625 474
	California	306 292 382 044
	Florida	45 978
	Illinois	173 542 313 394
	lowa	63 889 N
	Massachusetts	34 547 N
	New Jersey	295 486 89 172
	New York	899 304 137 045

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
325411	Medicinal and botanical manufacturing		
00900001	Total materials	X	3 929 302
32541113	Antibiotics (bulk), for human and veterinary use	X X X X	4 997 852 D
32541115	Antibiotics (bulk), for animal feeds	X X X	D D D
32541101	Vitamins, natural and synthetic, for human and veterinary use (bulk)	X	438 389 224 062
32541103	Vitamins, natural and synthetic, for animal feeds (bulk)	X	122 053 36 615
11100033	Agricultural products, crude (including flowers, grains, seeds, herbs, etc.)	X X X	36 615 31 945 209 274
31100001	Processed food and kindred products (including lactose, meat packing plant products, yeast, etc.)	х	5 970
32541000	Blood derivatives and extenders	X	16 293 D
32541107	All other bulk medicinal and botanical uncompounded drugs (excluding antibiotics and vitamins)	X X X	D 517 893
32341107	1997	â	386 955
32599807	Gelatin (pharmaceutical grade) and gelatin capsules	×	10 450
32519201	Cyclic crudes and intermediates (including organic colors)	X	16 523 D
32510031	Other synthetic organic chemicals (including halogenated hydrocarbons)	X X X	D 235 990 157 290
32610015	Fabricated plastics products, including plastics closures, film, and packaging items (excluding containers)	Y	4 887
22211500	Metal closures and crowns for containers	X X X X	48 989 D
33211500	1997	ŝ	Ď
32310003	Labels, coupons, instructions, and other printed material	X	5 399 14 315
32610029	Plastics containers	×	28 376 19 149
32721301	Glass containers	X X X	1 510 4 047
33240000	1997 Metal containers 2002. 1997 1997	X	1 654 2 382
32221001	Paperboard containers, boxes, and corrugated paperboard	X	21 499 30 157
00970099	All other materials and components, parts, containers, and supplies	X	258 932
00971000	Materials, ingredients, containers, and supplies, nsk	X X X	N 80 636 488 646

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.